

WMCT Meeting 4-6-00

Agenda

- Review of games
- WMCT Report
- Hood Diversion
 - DCC
 - Hood-Mokelumne Connector Study

Games

1. CVPIA USBR B2 Game: Planning section requested gaming team evaluate b2 water impacts for water acquisition program to help determine amount of water to acquire that is lost by contractors to b2.
2. PROSIM based
3. Game 1A match-up in assumptions
4. No EWA tools (e.g., no E/I relaxation as in Game 1A)
5. 2020 level of demand (1995 in Game 1A)
6. Trinity high releases pattern unlike Game 1A - also firm refuge deliveries.
7. B2 high impact assumptions to contractors (FWS liberal interpretation of b2 costs). B2 criteria were favorable to fish. Fall storage releases and export interplay. Credits for exports of releases and backups of export restrictions. Tends to maximize export cuts at the 640 max after February. Sustain more export cuts in b2 game - more in dry years.
8. Minimal cooperation between SWP and CVP.
9. Separate accounting for SWP and CVP.
10. WQCP costs to b2 - were internally backed up in PROSIM at no cost thus lower b2 WQCP costs.
11. Q: cross years? A: started over each year with new b2 assets.
12. We tried Section III in one year of game.
13. Reduced storage in San Luis was an impact that carried over to the next year.
14. Metric in decision is export.
15. Got credit if we eventually got backed up water exported.
16. PROSIM includes New Melones b2 and VAMP in baseline (should be part of b2 cost and is not because it is in baseline) - thus questionable April and May results.
17. We put in a switch to not allow state to pump and fill CVP side of SL. Shows up as a lost export and upstream b2 credit. Lost capacity is not showing up in the accounting.
18. Federal side of SL rarely filled.
19. Holding state pumping in filling SL fed side actually helped in cutting exports to protect fish at no b2 cost.
20. Reset on upstream storage across years in both games. (no carryover of b2 assets in upstream reservoirs)
21. Gaming team needs to walk back through the years for b2 game and analyze what happened.

EWA Gaming Report

22. Purpose - EIR/EIS Phase 2 report + implementation report.
23. Reference gaming report
24. Concern expressed about b2 accounting used in CALFED games. Need careful caveats in report.
25. Should b2 game be in the CALFED game report? No
26. Highlight issues in report that were identified in b2 gaming
27. Important to show what we learned in report not so much the accounting results.

Suggestions:

1. Summary of what was done in real time b2 over the past two years would be helpful.
2. Put some examples for seasonal pattern in body of report (rather than just annual averages).
3. Leave out deliveries? Impacts are all on federal side so combining masks impacts. (Some would like to see deliveries, some would not.) May want to include deliveries but look at patterns rather than total deliveries.
4. Shift in operations - picture of how we are changing operations should be clearly described in report.

5. Rolling impacts trend needs to be characterized. Show annual not average of period.
6. Show how many fish actions led to increased outflow vs backup in reservoirs fate of water foregone.
7. Tie actions to benefits.
8. Conceptual model on fish protection and reporting graphics.
9. Show WQ charts -increasing mass load of salinity on export area.
10. Add DSM2 results to appendix
11. Clarify capacity analysis - carriage water comes into play on salinity standards but not on minimum outflow.
12. Before and after San Luis storage should be shown for each game in summary.
13. Purchases for EWA - describe how they work.
14. Integration issue relationship with ERP and b2. - how to integrate different parts of CALFED.

Hood Mokelumne Connector

1. DCC study will be going on = what other studies are needed for the connector.
2. End of stage 1 decision - what would we propose.
3. WQ connector needed to have the higher summer exports.
4. Hourly operation on the DCC for improving WQ.
5. How each facility would function with the other.
6. Look at WQ schedule and fish schedule to see the overlaps.
7. When do we need WQ improvements (specific seasons and years).
8. BH has workplan
9. Impacts on habitat shifts in East Delta.
10. Comments on draft to Ron within a week.